

ABSTRACT

A micro-mirror device includes a substrate, a reflective element spaced from the surface of the substrate, a pair of electrodes disposed adjacent to the surface of the substrate, spaced apart from each other, and disposed adjacent to opposite ends of the reflective element, and including a dielectric liquid disposed at least between the reflective element and the pair of electrodes. The reflective element is adapted to be positioned at any position within a continuous range between a first position and a second position in response to analog electrical signals applied to the pair of electrodes.